

Message Text

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INFO OCT-01 CIAE-00 DODE-00 EB-07 NSAE-00 RSC-01 TRSE-00

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DRAFTED BY COMMERCE/OEA-WSKRUPPA:ERS

APPROVED BY EB/ITP/EWT:JMGREGORY, JR.

COMMERCE/OEA-RGAREL

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TO USMISSION OECD PARIS

C O N F I D E N T I A L STATE 002211

EXCON

E.O. 11652: XGDS-1

TAGS: ESTC, COCOM, US, PL

SUBJECT: US MARINE/AIRBORNE MAGNETOMETERS TO POLAND -
IL 1571

REFS: A) OECD PARIS 30092

B) STATE A-9013

C) COCOM DOC (74)2358 (STATE A-8705)

D) COCOM DOC (74)2313 (STATE 239885)

ANSWERS TO U.S. DELEGATE'S QUESTIONS (REF A) ARE AS

1) PER INFORMATION RECEIVED FROM THE APPLICANT, GEOMETRICS,
SUNNYVALE, CALIFORNIA, THE SUBJECT MODEL G801/3B
MAGNETOMETER, PROPOSED FOR EXPORT TO POLAND (REF B), WILL
BE USED ABOARD THE POLISH SHIP, KOPERNIK, THE SAME SHIP
INVOLVED IN THE PROPOSED EXPORT DESCRIBED IN REFERENCE C.

2) SUBJECT MAGNETOMETER, MODEL G801/3B, DESCRIBED IN
ERROR AS HAVING THE CAPABILITY OF BEING MODIFIED TO
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ACHIEVE ACCURACY LEVELS OF PLUS OR MINUS 0.25 GAMMAS.

SUBJECT DEVICE IS QUOTED IN MANUFACTURER'S BROCHURES AS HAVING A BEST POSSIBLE ACCURACY OF PLUS OR MINUS 1 GAMMA AND NO CLAIM OF POSSIBLE MODIFICATION TO ACHIEVE IMPROVED

OPERATING PARAMETERS IS INDICATED; HOWEVER, COMMERCE TECHNICIANS CONSIDER THIS SPECIFIC MAGNETOMETER TO BE RATED IL 1571 BECAUSE, WITH CAREFUL OPERATIONS, ACCURACIES SLIGHTLY BETTER THAN THE QUOTED PLUS OR MINUS 1 GAMMA CAN BE ACHIEVED.

3) THE SUBJECT UNIT, LIKE THAT DESCRIBED IN REFERENCE D, DOES NOT OPERATE IN A CONTINUOUS READ-OUT/PRINT-OUT MODE. THE UNIT DESCRIBED IN REFERENCE D HAS AN ACCURACY OF PLUS OR MINUS 1 GAMMA AND YIELDS ONE READING EVERY SIX SECONDS. THE SUBJECT UNIT, AT A 1 GAMMA ACCURACY LEVEL, IS SLIGHTLY FASTER SINCE IT CAN YIELD A READING EVERY THREE SECONDS. ALSO WITH THE SUBJECT UNIT, A READING EVERY 1/3 SECONDS IS POSSIBLE. THIS FASTER READ-OUT, HOWEVER, IS ACHIEVED AT THE EXPENSE OF ACCURACY SINCE AT THIS FASTER READ-OUT LEVEL, AN ACCURACY OF ONLY PLUS OR MINUS 2 GAMMAS CAN BE REALIZED. MAGNETOMETERS, TO BE USEFUL FOR SUBMARINE DETECTION, MUST BE OPERATED WITH A CONTINUOUS READ-OUT/PRINT-OUT MODE OR WITH DISCONTINUOUS READ-OUT, MUST YIELD AT LEAST 3 READINGS PER SECOND WITH A MINIMUM ACCURACY OF PLUS OR MINUS 1 GAMMA. SINCE NONE OF THE REQUIREMENTS FOR SUBMARINE DETECTION ARE MET BY THE SUBJECT DEVICE, COCOM APPROVAL WAS REQUESTED. KISSINGER

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